



Certificate No : MD00/0131/0011/1

Appendix 1

OUTOKUMPU STAINLESS AB

**Business Area Europe,
Avesta Works,
Box 74,
SE-774 22 Avesta,
Sweden**

Steelmaking	E.A.F. / Con Cast	Grades	
		As below	
Plates from coils	Austenitic Stainless Steel	Grades	mm thickness Maximum
Solution Treated	-	304L, 304LN, 316L, 317L, 321, 347	13.0
Plates from coils	Duplex Stainless	Grades	mm thickness Maximum
Solution Treated	-	UNS S31803, UNS S32205*, UNS S32750, UNS S32101*, UNS S32304*	8.0
Coil	Austenitic Stainless	Grades	mm Maximum
Solution Treated	-	304L, 316L, 317L, 321, 347, 304LN	13.0
Coil	Duplex Stainless	Grades	mm thickness Maximum
Solution Treated	-	UNS S31803, UNS S32205, UNS S32101*, UNS S32304*, UNS S32750	8.0

Approval includes grade 316Ti* (UNS31635) to recognised national standards to the above maximum thickness for austenitic grades.

Approval includes grades UNS 32760* and UNS 82441* to recognised national standards to the above maximum thickness for duplex grades.

* The LR certification of grades marked '*' is only permissible for projects for which the use of the grade has been specifically approved by LR plan appraisal.

Valid Until : 05 December 2020
Date of Issue : 17 April 2018

Gavin Young
Metallurgical Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group



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OUTOKUMPU STAINLESS AB
Business Area Europe,
Avesta Works,
Box 74,
SE-774 22 Avesta,
Sweden

has been approved as a manufacturer in accordance with the requirements of Lloyd's Register for :-

Steelmaking, Plates from coils and Coil

This approval is subject to compliance with the Rules for the Manufacture, Testing and Certification of Materials. The full details of the processes and grades to which this approval applies are given in the Appendix of this certificate.

Lloyd's Register is to be notified of any change that may affect the validity of this Certificate.

This Certificate is issued to the above manufacturer and is valid until the date given below.

Valid Until : 05 December 2020
Date of Issue : 17 April 2018

A handwritten signature in blue ink, appearing to read 'G. Young', written over a horizontal line.

Gavin Young
Metallurgical Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group